## BAM-1020 Audit Sheet

Model:

BAM-1020

Serial Number:

T21292

Audit Date:

Flow Rate (Actual Volumetric):

Flow Rate (EPA Standard):

11/2/2016

Audited By:

16.7

lpm

sipm

M. Hizis

			ow Audits				
Flow Reference Standard Used:		odel: BGI Del	ta Cal Seria	INO: U 105	S & Cali	bration Date: 1,	115/16
Temperature Standard Used:		Model: 1.		Serial No:		Calibration Date: //	
Barometric Pressure Standard Used:		odel:	Seria	INo: e	Cali	bration Date:	( e
Leak Check Value:	as found:	U.Z Ipm		as left:	O.Z lpm		
		BAM	Ref. Std.		BAM	Ref. Std.	
Ambient Temperature:	as found:	25,7 C	25.4 C	as left:	24.5 C	24.5 C	N/A
Barometric Pressure:	as found:	750 mmHg	744 mmHg	as left:	749 mmHg	744 mmHg	

Mechanical Audits Pump muffler unclogged: as found as left as found PM10 particle trap clean: as left N/A Sample nozzle clean: as found as left as found as left PM10 drip jar empty: N/A as found as found Tape support vane clean: as left PM10 bug screen clear: as left N/A Capstan shaft clean: as found as left PM2.5 particle trap clean: as found as left N/A Rubber pinch rollers clean: as found as left Inlet tube water-tight seal OK: as found as left Chassis ground wire installed: as found Inlet tube perpendicular to BAM: as found as left as left

16.76 lpm

slpm

Analog	Voltage Output Audit	N/A ~
DAC Test Screen	BAM Voltage Output	Logger Voltage Input
0.000 Volts	Volts	Volts
0.500 Volts	Volts	Volts
1.000 Volts	Volts	Volts

as found:

as found:

Membrane	Audit
LAST m (mg):	0.747
ABS (mg):	0.751
Difference (mg):	0.034
% Difference:	4,5%

as left:

as left:

16.7

lpm

slpm

Flow Control Range			
Flow Setpoint	BAM Flow		
15.0 LPM	15.0		
16.7 LPM	16.7		
18.4 LPM	18.4		

16.71

lpm

slpm

N/A

N/A

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock Time/Date	15115	15:15	FLOW TYPE	Actual	detact	AP	unso	ac 150
RS232 baud	4600	9600	Cν	00492	02492	FRI	10	10
STATION#	201	ω <sub>i</sub>	Qo	DU.000	(20000	FRh	20	20
RANGE	2.00	2.00	ABS	00.781	00.781	Password	1234	1234
BAM SAMPLE	50	SU	μ sw	00 311	00.311	Cycle Mode	standark	Standard
MET SAMPLE	60	60	K Factor	00 487	00.487	RH Control	Yes	Yes
OFFSET	0.015	~ O 0:5	BKGD	-0.0001	-0.0061	RH Setpoint	35	35
CONC UNITS	Ma/m3	use lan3	STD TEMP	25	25	Datalog RH	Ves	425
COUNT TIME	3,4	-4	HEATER	Anto	Auto	Delta-T Control	No	NO
FLOW RATE	16.7	14.7	e1	-0.015	-0.015	Delta-T Setpoint	99	લ ન
CONC TYPE	STD	STD	Errors	ON	ON	Datalog Delta-T	NU	NO

	W338 - 2W	Las	t 6 Errors in E	AM-1020 E	Crror Log	V=	
72.00900	Error	Date	Time		Error	Date	Time
l	M	11/2/2016	18:12	4	T	1112/2014	15:00
2	M	11/2/2016	16:52	5	T	11/2/2014	14:00
3	T	11/2/2014	16:00	6	T	11/2/2014	13:00

Audit Notes: Quarterly audit filter tape change. All monthly and quarterly maint, complete.